

Brief Guide to the ES Grant Funds Inventory

The ES Grant Funds Inventory is an effort to provide a centralized and updated data file of the relevant documents submitted by states related to the Election Security (ES) Grants. The three types of documents included in the inventory are:

- Federal Financial Reports (FFRs):** these forms cover the cumulative federal funds granted by the EAC under the ES grant program to the state, and the cumulative amount expended by the state (e.g., the FFR report for 2022 shows the amount granted to the state from the beginning of the program in 2018 until 2022 and the amount expended by the state from 2018 until 2022). This form also provides cumulative information on interest earned, and interest expenditures among others.

The inventory covers annual FFRs from 2018 to 2023, semi-annual FFRs for 2021 and 2022, and quarterly FFRs for 2023 and the first half of 2024. All FFRs were obtained as an export from EAC's grant management system (GLAS) on 03/26/2024 except for the annual FFRs for 2018 and 2019 that were obtained from the scanned version of the original FFRs submitted by the states.
- Progress Reports:** these reports combine narrative and close-ended questions. Progress reports allow for states to discuss the grant activities and expenditures for the current reporting period in narrative form, and to provide the amount of funds expended in each of the main grant categories in the reporting period. Examples of the main grant categories are: Voter Registration Systems (VRS), Voting Equipment, and Voter Education.

The inventory covers annual Progress Reports from 2020 to 2023, and semi-annual Progress Reports from 2021 to 2023. All the data from the Progress Reports were obtained as an export from EAC's grant management system (GLAS) on 03/26/2024.
- Program Narratives:** these reports are non-standardized text documents that states use to discuss their plans to spend the ES grant funds for the upcoming two years. Program Narratives vary in length and organization from state to state. They can range from a few paragraphs to several pages and be organized in bullet points or in full-text paragraphs. The contents of the Program Narratives were coded in eight main topics and 33 subtopics that related to the main categories (see report for information about the coding process and description of the main topics and subtopics). The inventory includes the coded Program Narratives for 2018, 2020, and 2022.

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A codebook of the inventory is available to complement the information provided in the inventory. The codebook lists all the variables in the inventory and describes them in terms of their format (i.e., string or numeric), number of valid responses, number of “Not applicable” responses, number of missing responses, range of values for numeric variables, and value labels for coded variables.

The following is a brief summary of the contents of the ES Grant Funds Inventory spreadsheet:

- Sheet “FFR data – Annual”: displays data for annual FFRs from 2018 to 2023. Below is a list of the background variables (those providing background information for each FFR, such as year, state and status of the form), and main variables (those providing the actual dollar amount for each category).
 - Background variables: Year, State, State_Full, Data Source (can be GLAS [EAC’s grant management system], or PDF versions of the form), FFR_ID (FFR identifier number), Award_Name (award identifier for each state), Organization_Legal_Name, Grant_Program_Name, Reporting_Period_End_Date, and Status (shows the status of the FFR, can be: Approved, Delivered, In Progress, N/A, and Not started).
 - Main variables: 10a. Cash Receipts, 10b. Cash Disbursements, 10c. Cash on Hand, 10d. Total Fed Funds Authorized, 10e. Fed Share of Expenditures, 10f. Fed. Share of Unliquidated Obligations, 10g. Total Fed Share, 10h. Unobligated Balance of Fed. Funds, 10i. Total Recipient Share Required, 10j. Recipient Share of Expenditures, 10k. Remaining Recipient Share to be Provided, 10l. Total Fed. Program Income Earned, 10m. Program Income Expended - Deduction, 10n. Program Income Expended - Addition, 10o. Unexpended Program Income, 10p. Total Federal Interest Earned, 10q. Federal Interest Expenditures, 10r. Remaining Federal Interest to be Expended.
 - Descriptions for the contents covered by each of the main variables can be found in the [FFR instructions](#).
- Sheet “FFR data – Quarterly”: displays data for semi-annual FFRs for 2021 and 2022, and quarterly FFRs for 2023 and the first half of 2024. All variables are the same as in those in the sheet “FFR data – Annual”, except for the inclusion of the background variable “Quarter” in this sheet to determine which quarter is covered in each row.
- Sheet “Progress Reports data – Annual”: displays data for annual Progress Reports from 2020 to 2023. This sheet only covers data in the form of dollar amounts reported in the Progress Reports. Below is a list of the background variables (those providing background information for each Progress Report, such as year, state and status of the form), and main variables (those providing the actual dollar amount for each category).
 - Background variables: Year, State, State_Full, Data Source (can be GLAS [EAC’s grant management system], or PDF versions of the form), Progress_Report_ID (Progress Report identifier number), Award_Name (award identifier for each state), Organization_Legal_Name, Grant_Program_Name, Reporting_Period_End_Date, and Status (shows the status of the Progress Report, can be: Approved, Delivered, In Progress, N/A, Not started, and Returned for Revision).
 - Main variables: the Progress Reports cover nine main categories:
 - Voting Equipment
 - Voting Processes

- Voter Registration Systems (VRS)
- Election Auditing
- Cybersecurity
- Physical Security
- Voter Education
- Accessibility
- Other
- Each of the nine main categories are covered multiple times, depending on the source of the funds:
 - Federal: shows the amount of dollars spent in a category from the federal funds for that year.
 - When the category name is preceded by “Cumulative”, it shows the cumulative amount of dollars spent in a category from the federal funds since 2020.
 - When the category name is preceded by “Subaward”, it shows the amount of federal funds spent in a category that were distributed by the state in the form of subawards (or subgrants) to its counties or jurisdictions.
 - State Match: shows the amount of dollars spent in a category from the state match funds for that year.
 - When the category is preceded by “Cumulative”, it shows the cumulative amount of dollars spent in a category from the state match funds since 2020.
 - When the category name is preceded by “Subaward”, it shows the amount of state match funds spent in a category that were distributed by the state in the form of subawards (or subgrants) to its counties or jurisdictions.
- Description for the contents covered by each of the categories in the main variables can be found in the [Progress Report instructions](#).
- Sheet “Prog. Rep. Description – Annual”: displays narrative contents for annual Progress Reports from 2020 to 2023. This sheet covers the text responses from the section “Progress and Narrative” from Progress Reports. These items describe activities related to the expenses reported in the Progress Report for that period. Below is a list of the background variables (those providing background information for each Progress Report, such as year, state and status of the form), and main variables (those providing the narrative for each category).
 - Background variables: Year, State, State_Full, Data Source (can be GLAS [EAC’s grant management system], or PDF versions of the form), Progress_Report_ID (Progress Report identifier number), Award_Name (award identifier for each state), Organization_Legal_Name, Grant_Program_Name, Reporting_Period_End_Date, and Status (shows the status of the Progress Report can be: Approved, Delivered, In Progress, N/A, Not started, and Returned for Revision).
 - Main variables: Training_Details_Description, Match_Details_Description, Subaward_Identification_Description, Subgrant_Identification_Description, Issue_Description, Issue_Resolution_Description, Significant_Changes_Description, Self_Assessment_Description, Impact_And_Achievements_Description, Lessons_Learned_Description, Expenditure_Details,

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Narrative_Details, Voting_Equipment_Description, Voting_Processes_Description, Voter_Registration_System_Description, Election_Auditing_Description, Cybersecurity_Description, Physical_Security_Description, Voter_Education_Description, Other_Category_Name, Other_Category_Description

- A general description for the contents covered in the main variables can be found in the [Progress Report instructions](#).
- Sheet “Prog. Rep. data - Semi-Annual”: displays data from semi-annual Progress Reports for 2021, 2022, and 2023. All variables are the same as those in the sheet “Progress Reports data – Annual”.
- Sheet “Prog. Rep. Descr. - Semi-Annual”: displays narrative contents from semi-annual Progress Reports for 2021, 2022, and 2023. All variables are the same as those in the sheet “Prog. Rep. Description – Annual”.
- Sheet “Program Narr. Coded”: displays coded data from the Program Narratives submitted by states in 2018, 2020, and 2022. The topics discussed in the Program Narratives are categorized in eight main topics and 33 subtopics as listed below. All topics and subtopics are given a value of “0” if they were not discussed in the Program Narrative and a value of “1” if they were discussed in the Program Narrative. Additional information about the description of the categories and the coding process can be found in the main report.
 - Topics: Equipment and processes, Voter Registration Systems, Cyber Security, Audits, Subgrants, Education, Training, and Accessibility.
 - Subtopics: Voting_Equipment_Tabulators, Voting_Equipment_Ballot_Marking_Machines, Voting_Equipment_Upgraded_System, Voting_Equipment_EPoll_Books, Voting_Equipment_Absentee_Mail_Voting_Equipment, Voting_Equipment_General_Voting_Equipment_Supplies, Voting_Equipment_Voting_Accessibility_Equipment, Voting_Processes_Election_Staffing, Voting_Processes_Voting_Process_Enhancements, Voting_Processes_Election_Training, Voting_Processes_Absentee_Mail_Voting_Enhancements, Voting_Processes_Cyber_Physical_Security, Voting_Processes_Voting_Accessibility_Support, VRS_Registration_System_Improvements, VRS_Registration_System_Maintenance, VRS_Registration_System_Security, Cyber_Security_Training_Exercises, Cyber_Security_Monitoring_Testing, Cyber_Security_Physical_Infrastructure, Cyber_Security_Improvements, Cyber_Security_Authentication, Cyber_Security_Staffing, Cyber_Security_Incident_Preparedness, Cyber_Security_Standard_Compliance, Audit_Election_Audit_Performance, Audit_Software, Education_General_Education, Education_Public_Trust_Outreach, Education_Election_Official_Training, Education_Misinformation, Accessibility_Physical_Infrastructure, Accessibility_Training, Accessibility_Other.